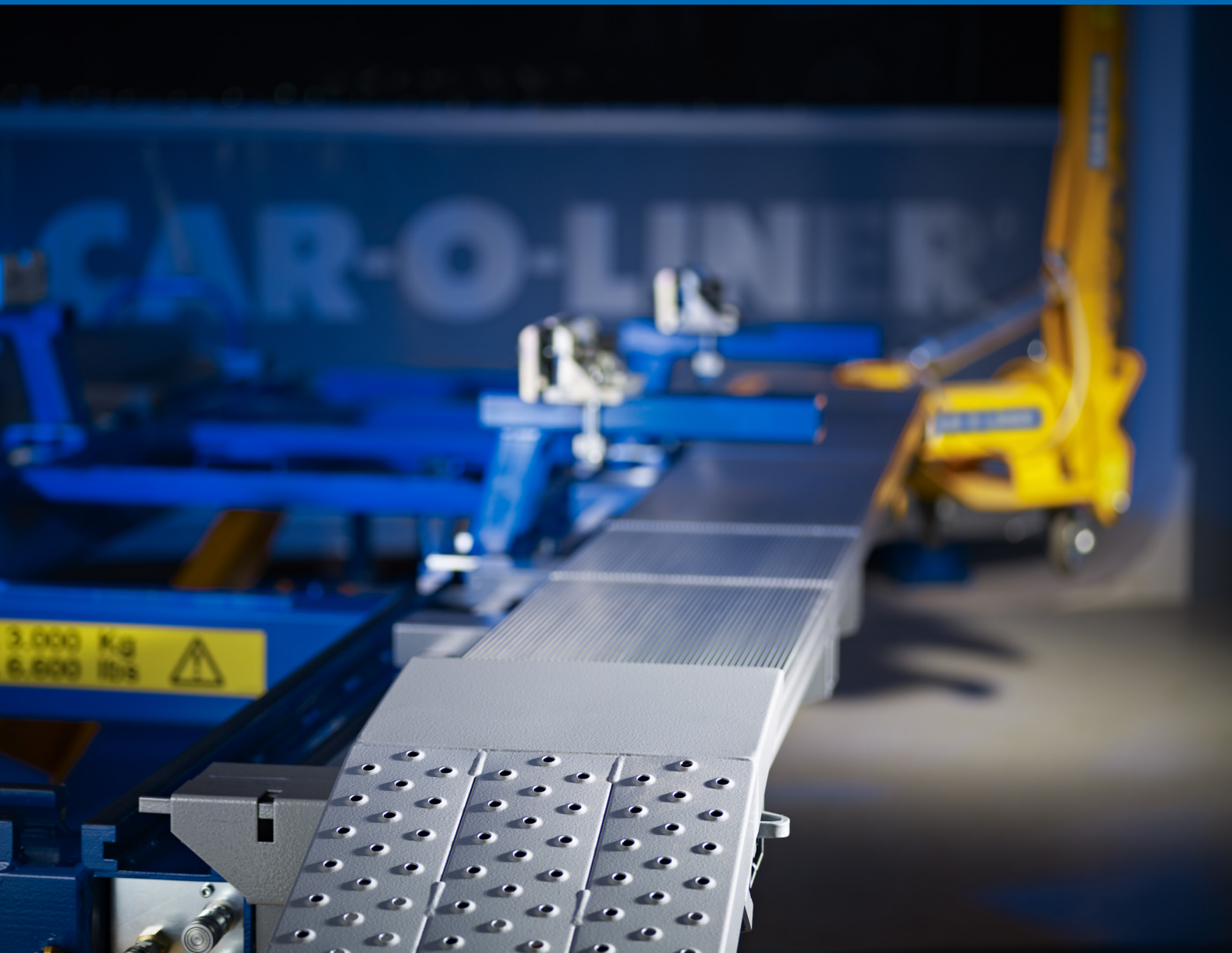


CAR-O-LINER®



*Complete solutions for the repair of
collision damaged vehicles.*

Our Solutions -

the only choice for fast, accurate, safe repairs

Car-O-Liner is the leading global provider of high-quality, technologically-advanced collision repair equipment to the automotive aftermarket. For more than forty years we have supplied the industry with innovative solutions, technical development, training and customer support. Over 60,000 Car-O-Liner collision repair systems are in use worldwide.

Car-O-Liner solutions include:

- Computerized measuring systems
- Comprehensive vehicle measurement data
- Alignment benches and frame pulling equipment
- Vehicle anchoring systems
- Spot and MIG/MAG welding systems
- Workshop organization and inventory control solutions
- Training and knowledge in modern collision and PDR repair techniques provided by Car-O-Liner Academy

Grow your business with our integrated solutions

All of our systems and solutions are well known for their high quality, advanced technology and ergonomic design. By integrating our solutions with each other you will not only get a flexible, universal collision repair system but will also be able to support the entire vehicle repair process thereby reducing cycle times and increasing performance and profits.

Car-O-Liner is based in Sweden with the head office in Gothenburg and manufacturing operations in Kungsör. Subsidiaries are located in Sweden, Norway, Great Britain, France, Italy, Germany, Thailand, India, China and the USA. Distributors can be found in more than 70 countries worldwide

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Damage Inspection

Damage inspection, and the Damage Inspection Bay, play key roles in efficient collision repair work. The higher the quality of the inspection completed in the inspection hall, the greater the effectiveness of the repair shop.



DAMAGE INSPECTION — AN IMPORTANT PART OF YOUR REPAIR SHOP

The damage inspection bay, and the inspection that occurs there, is of crucial importance for all further work occurring in your workshop. It is essential that this area contains the proper equipment to perform an adequate inspection. An inadequate inspection could lead to further repairs in the future, which negatively affects the repair chain by creating:

- additional administration
- potential increases in lead time
- reduced effectivity of the workshop

Furthermore, the damage inspection bay is an important "sales space" for your workshop. During the inspection a unique opportunity for additional sales is provided as your technician goes through the entire vehicle with the customer. This occasion provides an opportunity to offer to repair damages other than those which the brought the customer into your shop in the first place, such as a paint chip or an old parking damage.

A professionally equipped inspection area is thus a customer environment that helps you to convince the customer that they have made the right choice when choosing your workshop.

EQUIPMENT

PointX Diagnostic Measuring Tool

Art. No. 45590

**Fast - Easy - Accurate**

Quick and accurate damage analysis
measuring with documentation capability



- **Speed up the measuring process** — automatic height calculation and default set software
- **Easy to learn, User friendly** — process oriented software and magnetic adapters
- **Accurate Certified Data** — via Car-O-Data, database with over 16 000 measured vehicles
- **Ergonomic** — lightweight carbon fibre construction
- **Bluetooth communication** — makes it easy to work with Vision2 - PointX software
- **Upper body Point-To-Point** measurement capability
- **Electronic documentation** — with report print out
- **Dimensions** — Length 0.3 - 2.0 meters, Height 0-0.6 meters

Collision Repair Bay

In order to have satisfied customers you need to have satisfied employees. In order to have satisfied employees you need a positive, effective and pleasant working environment. The image below illustrates how your collision repair workshop could look. On the right hand page you see the heavy equipment needed.



THE GOAL — A HIGH-PERFORMANCE WORKPLACE

With the right furnishings and equipment you can create a high-performance workplace with the best customer — and working environment, attract the best technicians, achieve the highest customer satisfaction, lower maintenance costs, create efficient workplaces and increase your profitability. Choosing the right equipment for the workshop and the collision repair bays creates a LEAN working approach that minimizes waste and increases everything that provides value to your customer.

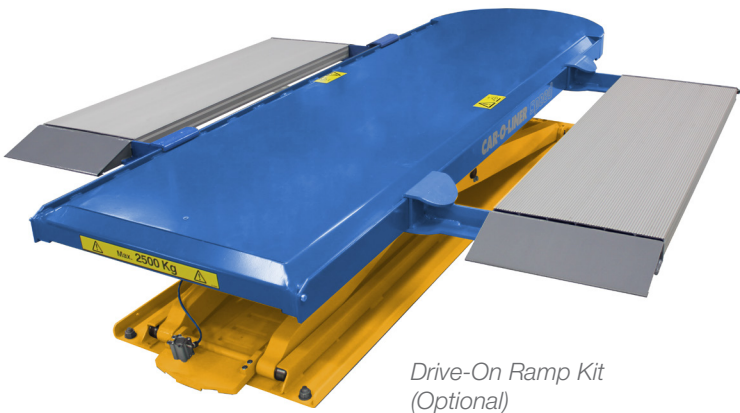
In addition, the need for strengthening your workshop's image in the workshop is now greater than ever. Customers are moving around in the shop in a new way, for example together with one of your service technicians. The environment in which the customer finds himself affects his quality experience and the image created by the brand.

Car-O-Liner offers all workshops a complete solution, including walls, tool boards and equipment.

EQUIPMENT

SPEED - Working Platform

Art. No. 46845 Platform & Ramp Kit



Drive-On Ramp Kit
(Optional)

Speed is also available in grey. Shown here with Drive-On Ramp Kit

Art. No.	Description	Qty.
46845	Speed Platform	1
	Includes:	
34575	BS13 Platform with Lift	1
35879	T611 Power Unit 400V 3 phase 50 Hz,inc. T655 Hydraulic Oil	1
32868	B637 Extension 60	4
31040	T250 Cable Protection	2
46847	Drive-on Ramp Kit	1

Optional Equipment

46844	Telescopic Arm Kit	1
-------	--------------------	---



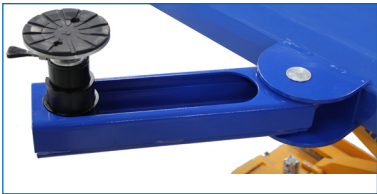
Power Unit



T250



B637



Telescopic Lifting Arms
(Optional)



WorkShop Solutions

The image to the left illustrates an example of how a LEAN workshop could look.

The building parts, fittings and equipment are the base for an effective workplace and inventory management system, as well as help to create a positive total experience for both customer and employee

For more detailed information and images please see the Car-O-Liner website under Products/Workshop Solutions.

Medium/Aluminum Repair

Equip your shop for innovative repairs. Car-O-Liner equipment and training for aluminum vehicle repairs will prepare you for our evolving industry's requirements.

The Car-O-Liner Aluminum Workstation is designed to provide a solution for aluminum auto body repairs. Avoid galvanic corrosion by keeping your tools separate. With this dedicated tool storage, you will reduce the possibility of cross-contamination with steel particles, and with a built-in work area, you can complete your jobs efficiently in one place.



REPAIR SOLUTIONS AND TRAINING

Today's new vehicles contain increasingly more aluminum. And since aluminum's metallurgical characteristics differ from steel's, collision repair workshops will need to invest in more training for technicians and in new welding, riveting and metal

bending equipment. With Car-O-Liner aluminum repair solutions and training your shop will be able to meet OEM requirements, repair more vehicles and experience increased profits. For more information see: www.car-o-liner.com/training

ALUMINUM WORKSTATION

Art. No. 46539

Art. No.	Description	Qty.
46539	Aluminum Workstation	1
	Includes:	
	Mobile cart with shelving, tool board & work area	1
	Aluminum Spotter, 230V	1
	Carbon Fiber Pull Bar, dent pulling system with 6 jaws.	
	- 50 cm (20")	1
	- 100 cm (41.5")	1
	- 160 cm (67.5")	1
	Fast Puller for Carbon Fiber Pull Bar	1
	Hand Puller	1
	Aluminum Hammers, professional grade	4
	4 mm screws M4x16mm AISi12 (Box 100)	3
	4 mm screws M4x16mm AIMg3 (100/Box)	3
	Threaded pull washers (20/Box)	2



SPOTTER

Art. No. 46534

Art. No.	Description	Qty.
46534	Spotter 230V 50-60 Hz 1-ph	1
	Includes:	
	Power source with 2 m power cable (with EU plug), spot gun with 4 m cable, 3 m grounded cable	



Technical Data

Input voltage	230V, 50-60 Hz 1-ph
Absorbed power	0.6 kw
Fuse (slow blow)	16A
Weight	8 kg
Dimensions (LxWxH mm)	320 × 150 × 220

Structural Repair

Car-O-Liner has a wide assortment of equipment needed in order to perform larger, structural alignment work. Among the products shown is the Quick42 frame alignment platform and accessories as well as the EVO modular system for anchoring, holding and fixing.



New Demands for Flexible Workplaces

The right equipment is a must in order to repair the car and keep it as safe as it was before it was damaged. The repair needs of the body shop are continuously changing, that's why Car-O-Liner offers a wide variety of flexible solutions for repairs that range from minor to structural.

Flexible workstations decrease not only the body shop's downtime but also reduce unnecessary work and movement of vehicles around the shop. Our Quick42 platform is the perfect choice providing quick set-ups times for a wide range of repair needs.

In order to correctly straighten larger collision damage a good measuring system is required. A measuring system indicates how great the damage is and consequently how much straightening is needed. With the measuring system's help you can clearly see when the damage is correctly straightened and the vehicle has been returned to original condition.

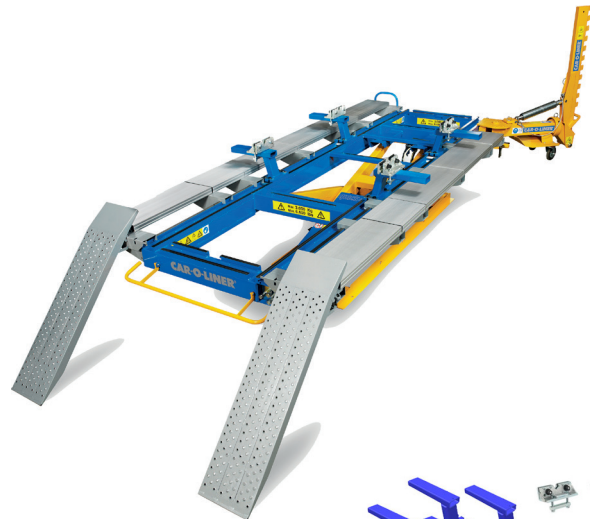
The following three pages show the equipment needed in order to complete correct structural repairs, including a measuring system.

EQUIPMENT & MEASURING SYSTEM FOR STRUCTURAL REPAIRS

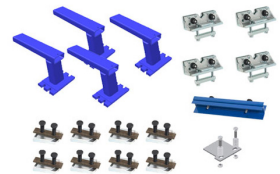
QUICK42

Art. No. 46863

Art. No.	Description	Qty.
46863	Quick42 Alignment System	1
	Includes:	
39748	Q42 Alignment Bench w/ Lift, 400v	1
39788	Q100 Ramp Kit Q42	1
39750	Q165 Hydraulic Hose	2
39630	Q16 Draw Aligner w/ Cylinder Q161	1
35889	T35 Chain Kit, 10 ton	1
30412	D90 Down Pull	1
39674	Q170 Hydraulic Jack Kit	1
30948	B61 Bench Parts	1
35413	EVO1 Basic System	1
35797	WSE211 Tool Board Set for EVO1	1
34638	T10 Universal Pulling Hook	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protection	2



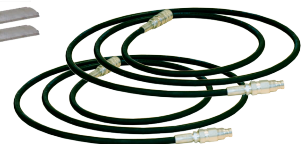
Q16



B61



T250



Q165



D90



Q170



T35



Q100



T10



T11



T70



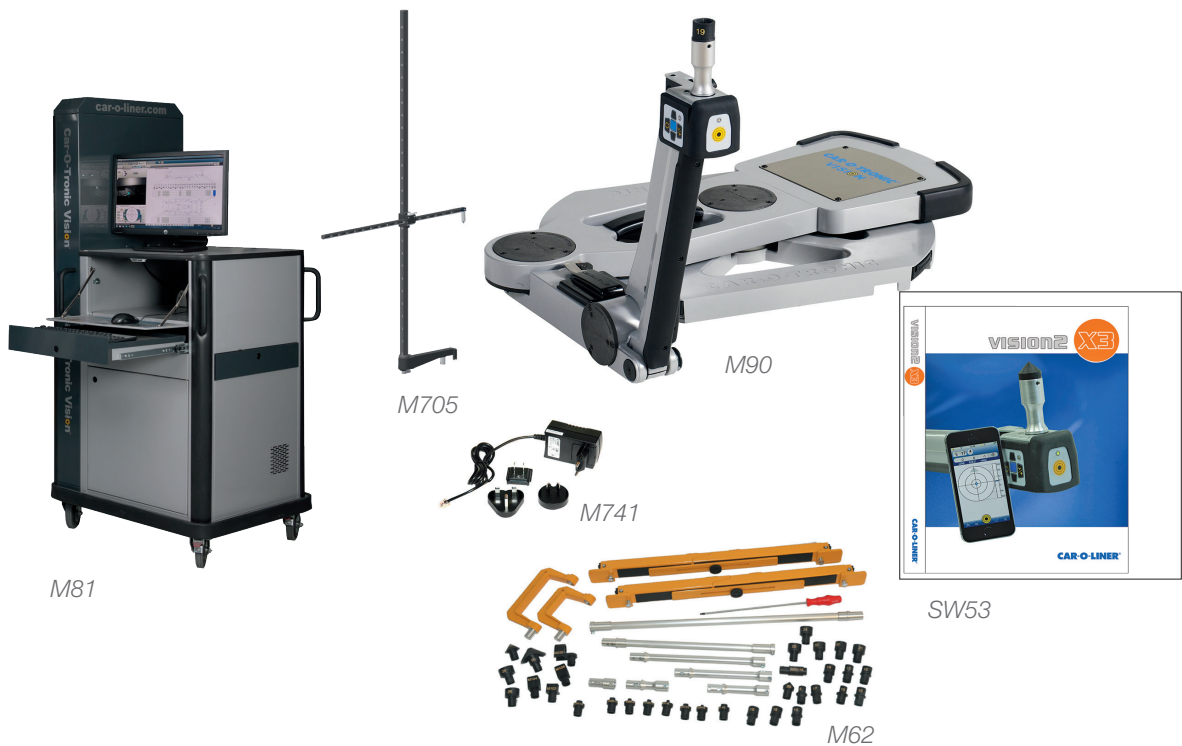
EVO1 inc. WSE211

EQUIPMENT & MEASURING SYSTEM FOR STRUCTURAL REPAIRS

CAR-O-TRONIC MEASURING SYSTEM

Car-O-Tronic and Vision2 X3 Software

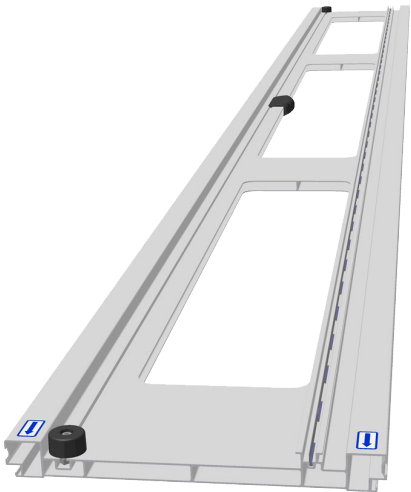
Art. No. 46733



Art. No.	Description	Qty.
46733	Car-O-Tronic Vision2 X3	
	Includes:	
34572	M90 Car-O-Tronic Slide MB	1
31296	M705 High Measuring Point Adapter	1
36481	M81 Cabinet	1
33493	M741 Battery Charger	1
46695	SW53 Vision2 X3	1
31259	M62 Measuring Parts	1

Necessary Additional Equipment

39634	M74 Measuring Bridge, 4m Quick42	1
39635	M75 Measuring Bridge, 5m BenchRack	1



Measuring Bridge

VISION2 Software

Vision2 is part of the Vision system, Car-O-Liner's state-of-the-art measuring software that guides the entire repair process and performs semi-automatic centering, measuring and documentation.

The brand new Vision2 interface, with super user-friendly graphics, is so easy to use that technicians can now measure damaged vehicles 20% faster than when using previous versions of Vision software.

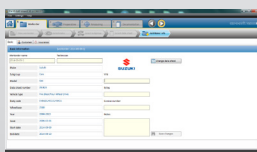
Photo-based Vision2 is integrated with Car-O-Data, the world's largest vehicle measurement database, making it easy to find all the vehicle information you need. With over 16,000 measured vehicles it's even easier to find correct measuring points — now with 3D presentation!

Super-fast results with only three measuring steps:

- 1** Start measuring by registering a work order and entering car make and model.



The software can easily be integrated with other software estimating systems, such as ASA Network, CCC, Mitchell, ADP and ACS.

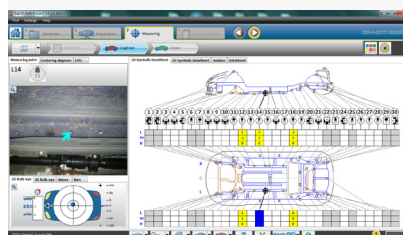


Submit customer data and insurance information under the Customer or Insurance tab. The Repair Center tab leads you to print-outs and photos with text for export to e-mail or print-outs.

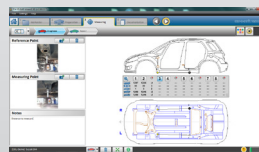


After submitting the general vehicle specifications you receive all the crucial information required – where to put the clamps, what extra equipment you may need and more!

- 2** Conduct automatic centering and measuring of the vehicle at the same time.



Just press the bull's-eye button for automatic measuring. The ASP function displays photos of the measuring points automatically on-screen as the Measuring Slide moves point-to-point.

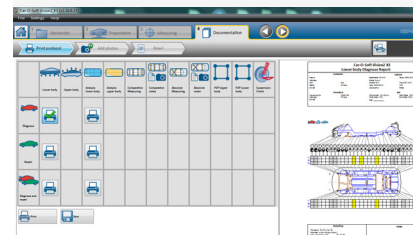


In Absolute and Comparative measuring modes it is possible to describe, with photos and in text, how the different points have been measured. (Vision2 X3 only)

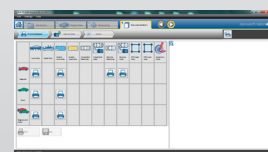


When measuring during alignment you can easily zoom in on specific details for maximum control.

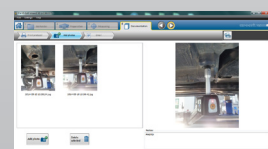
- 3** Print out the measuring results and you are finished!



When the alignment process is complete you can print out or produce files verifying that the vehicle is restored to pre-accident condition. Choose from 15 alternative documents.



Vision2 has extensive features for documentation. E-mail photos of damaged cars to insurance companies or estimating systems.



Use the Viewer to choose the photos you want to attach to your e-mail.



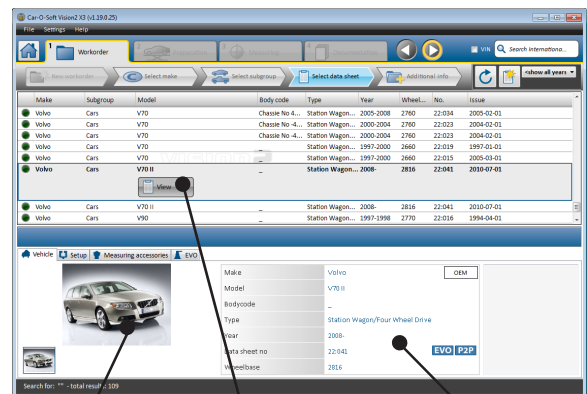
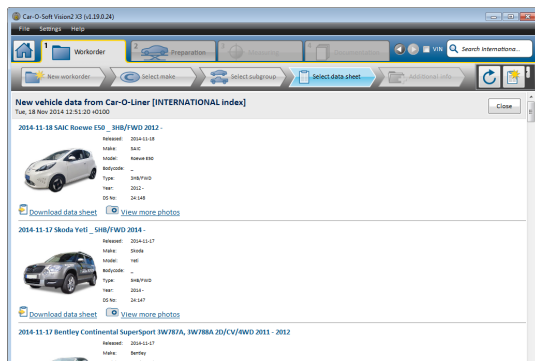
For version details please contact your Sales Representative or see the Vision2 section of our website

EQUIPMENT & MEASURING SYSTEM FOR STRUCTURAL REPAIRS

CAR-O-DATA

All the vehicle information you need - when you need it! Virtually every vehicle on the road today can be found in Car-O-Liner's vehicle database which contains measurements for more than 16,000 vehicles.

Car-O-Data is seamlessly integrated with Vision2 software. Each Car-O-Liner measuring system includes an annual subscription to Car-O-Data via internet.

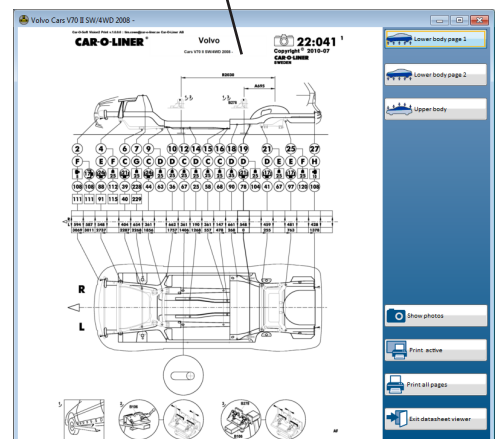


- **Extensive** - Over 16,000 vehicles!
- **New Data regularly** - approximately 300 new vehicles measured per year
- **Updated regularly via internet subscription**
- **Photographed** measuring points
- **Lower and Upper body** measuring points
- **P2P measurements** for unibody and full frame vehicles (Vision2 X3)
- **Clamp position** displayed
- **VIN number search** function (Vision2 X3)
- **Search** function
- **Holding and anchoring** information (Vision2 X3)
- **Personal log-in** access to VisionWeb

Car-O-Data provides thousands of detailed images and data.

See detailed vehicle information - Model, body code, wheel base, year and more.

View complete data sheet at the click of a button



EVO 1-2-3

Anchoring, Holding and Fixturing Systems

Meet Unique Repair Requirements

EVO is a universal anchoring, holding and fixturing system. Each EVO system – 1, 2 and 3 – is made of an optimal number of components to be used alone or combined with one another to securely handle every anchoring, holding and fixturing situation that enters your shop.

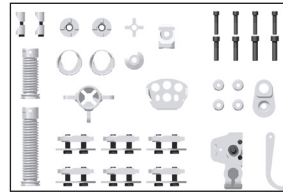
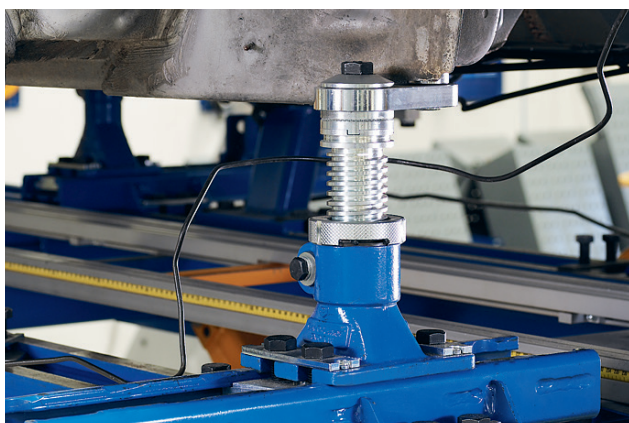
These universal kits work for every vehicle year, make and model so you never have to pay traditional fixture costs. There may be a minimum number of components, but together they provide maximum benefit.

Maximize the Benefits of EVO

EVO saves structural repair time with vice-like holding at multiple anchoring locations without additional towers and chains.

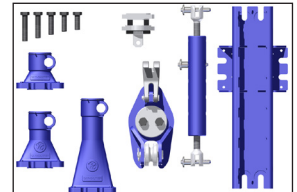
EVO is compatible with the Car-O-Liner BenchRack, Quick42 and Mark6 and has been approved and recommended by most major Original Equipment Manufacturers for a better repair.

Art. No.	Description	Qty
35413	EVO1 Basic Anchoring System	1
35419	EVO2 Extended Anchoring System	1
35719	EVO3 Universal Fixturing System	1



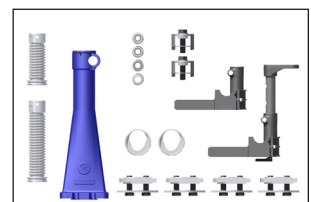
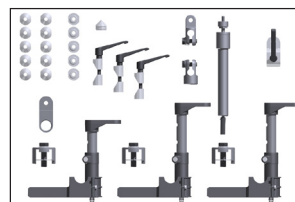
EVO1 - Basic Anchoring

The basic system for anchoring, holding and side support during structural repairs. EVO includes three towers, multi-purpose clamp, track plate, adapter with bushings, chain holder, downpull and torque bar for heavy operations. Start with EVO1 and add on to it as needed.



EVO2 - Extended Anchoring

This additional kit for EVO1 Basic Anchoring provides additional equipment for anchoring, holding and side support during structural repairs. EVO2 includes two extra towers and track plates, special tools for rear axle bracket, torque bar extensions and adjustable holders, it is the perfect addition to EVO1 allowing you to more easily tackle advanced repairs.



EVO 3 - Holding and Fixturing

EVO3 is made for building a fixture to hold new body parts in place when welding, bonding or riveting. When combined with EVO1 and 2, and supported by Car-O-Tronic Vision2 **X3**, the equipment works on all vehicle models. EVO3 includes: adjustable fixture heads, lockable universal joints, lock handle, all-purpose mini-clamp for frame rails, inner fenders and strut towers.

Joining and Heating

Car-O-Liner's welding equipment is known for its quality. Having the correct welding equipment is of utmost importance when ensuring correct vehicle repair in terms of both collision safety and corrosion. The right welding equipment is necessary in order to take on today's advanced body construction.

CTR12000

Art. No. 43000

Fully automatic, process-steered, multi-function welder with medium frequency inverter and cooling. Transformer gun. 400V. Includes: C-guns in sizes 40, 80, 350 and 500 mm, Accessories case with electrode set and 13mm caps and wheel extension. Optional accessories: support arm with balancer block, complete set spotter/dent puller and WinSpot QS documentation software program.



*Shown with
Support Arm
& Balancer Block*

CTR7

Art. No. 47386

Semi-automatic, process steered, multi-function welder with inverter technology and cooling. Includes: C-gun, 80 mm. Optional accessories: C-gun - 40, 350 and 500 mm, support arm with integrated balancer block, case with electrode set and 13mm caps, complete set spotter/dent puller and WeldLogger documentation software program.



*Shown with
Support Arm*

CMI3000II

Art. No. 34556

The latest generation of MIG/Mag Welding Machines — simplicity and state-of-the-art technology. The digital intelligence in the Car-O-Liner CMI3000II, 400V makes it easy to find the program relevant to the individual car make, be it MIG brazing in high tensile steels or welding in ferritic, stainless steels. The program packages are designed for leading car makes, even those using hardened aluminum.



CMI183, CMI223 & CMI273 Single & Twin Models

Compact, fully digitised with synergic, preset welding programs and automated functions. CMI273 Pulse: Auto-pulse technology for aluminum welding. Switch efficiently between key materials with the Twin models!

	CMI183 3 x 400V	CMI223 3 x 400V	CMI273 3 x 400V	CMI273 Pulse 3 x 400V
Single	46444	43799	46446	46448
Twin	46445	43800	46442	46450



Single

Twin

JOINING AND HEATING EQUIPMENT

CMI161 & CM193

Art. No. 46443 CMI161 | 33275 CM193

The CMI161 — portable & versatile compact multiprocess machine, primarily for MIG and MMA welding; a modern 1-phase 230V inverter machine.

CM193 — a user-friendly, quality automotive welder with optimal welding functions and ergonomic welding gun. CM193: 400V 2-phase 180 Amp.



CMI161

CM193

CH37 & CH100 Induction Heaters

Art. No. 36563 (208V-240V) | 45330 (400V) | 45331 (200V)

Torchless heating with no open flame. The high power CH37, and even more powerful CH100, can be used in the same way as a gas torch, but without destroying nearby parts. Five power levels and a unique regulation and control system help to avoid overheating. 50-60Hz CH37-1 ph CH100-3 ph



CH37

CH100

CR35 Spotter

Art. No. 33434

The CR35 is a sophisticated micro-process controlled spotter for welding and pulling of all studs, nails, washers, rivets and bolts.



Plasma Cutter

Art. No. 46553

The Plasma Cutter, using inverter technology, guarantees accurate and clean plasma cuts of up to 10 mm in thickness.



Aluminum Spotter

Art. No. 46534

For repair of aluminum and steel.

1 phase 230V 50-60Hz



PNP 90 & PNP 90 XT² Riveting Tool Kits

Art. No. 48416 PNP 90, 6 ton

Art. No. 48107 PNP 90 XT², 10 ton

Universal riveting systems that are perfect solutions for completing all OEM homologated blind rivet and SPR riveting operations in a single system.



48416



48107

Frame Alignment Systems

Since the first Car-O-Liner alignment platform system was created in 1973 we have expanded our offering to include a range of platforms designed to meet any collision repair workshop's needs. From heavy duty to quick and flexible, we have the perfect bench for you. With Car-O-Liner you can ensure that your workshop has the best collision repair solutions on the market.

SPEED

Art. No. 46864

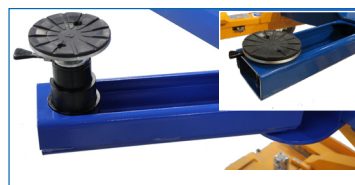


Art. No.	Description	Qty.
46864	Speed Alignment System	1
	Includes:	
34575	BS13 Platform with Lift	1
35879	T611 Power Unit 400V 3 phase 50 Hz, inc. T655 Hydraulic Oil	1
33045	D20 Speed Draw Aligner	1
44449	D165 Cylinder & Pump for D20	1
33001	D201 Side Pull Support	1
32992	D92 Speed Down Pull	1
35898	B660 Bench Parts	1
32868	B637 Extension 60	4
31040	T250 Cable Protection	2
Optional Equipment		
46844	Telescopic Lifting Pads	1
46847	Drive-On Ramp Kit	1

New and Improved Equipment & Accessories

In our strive to always deliver equipment for safe, efficient and accurate repairs Car-O-Liner has created exciting, new optional equipment to improve the functionality of Speed.

1. TELESCOPIC LIFTING PADS - Art. No. 46844



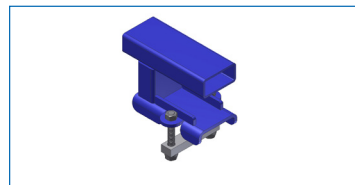
The removable bench arms with telescopic lifting pads (optional) can be adjusted vertically for easy mounting and lifting.

2. SILL LIFT WITH DRIVE-ON RAMPS - Art. No. 46847



Get extra flexibility with the new sill-lift with drive-on ramps - the ramps are easily lifted on/off the bench as desired. (Optional)

3. STRENGTHENED MEASURING EXTENSIONS



Strengthened measuring extensions, B649, give increased performance and safety during pulling

4. IMPROVED RUST PROTECTION



Improved rust protection in the floor mount ensures that your Speed will remain strong and always look as good through years of use.

FRAME ALIGNMENT SYSTEMS

QUICK42

Art. No. 46863

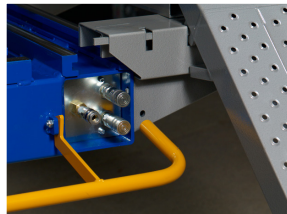
Art. No.	Description	Qty.
46863	Quick42 Alignment System	1
	Includes:	
39748	Q42 Alignment Bench w/ Lift, 400v	1
39788	Q100 Ramp Kit Q42	1
39750	Q165 Hydraulic Hose	2
39630	Q16 Draw Aligner w/ Cylinder Q161	1
35889	T35 Chain Kit, 10 ton	1
30412	D90 Down Pull	1
39674	Q170 Hydraulic Jack Kit	1
30948	B61 Bench Parts	1
35413	EVO1 Basic Anchoring	1
35797	WSE211 Tool Board Set for EVO1	1
34638	T10 Universal Pulling Hook	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protection	2



Quick and efficient –
diagnosis of structural damage while the vehicle is supported on its wheels or in a clamped position



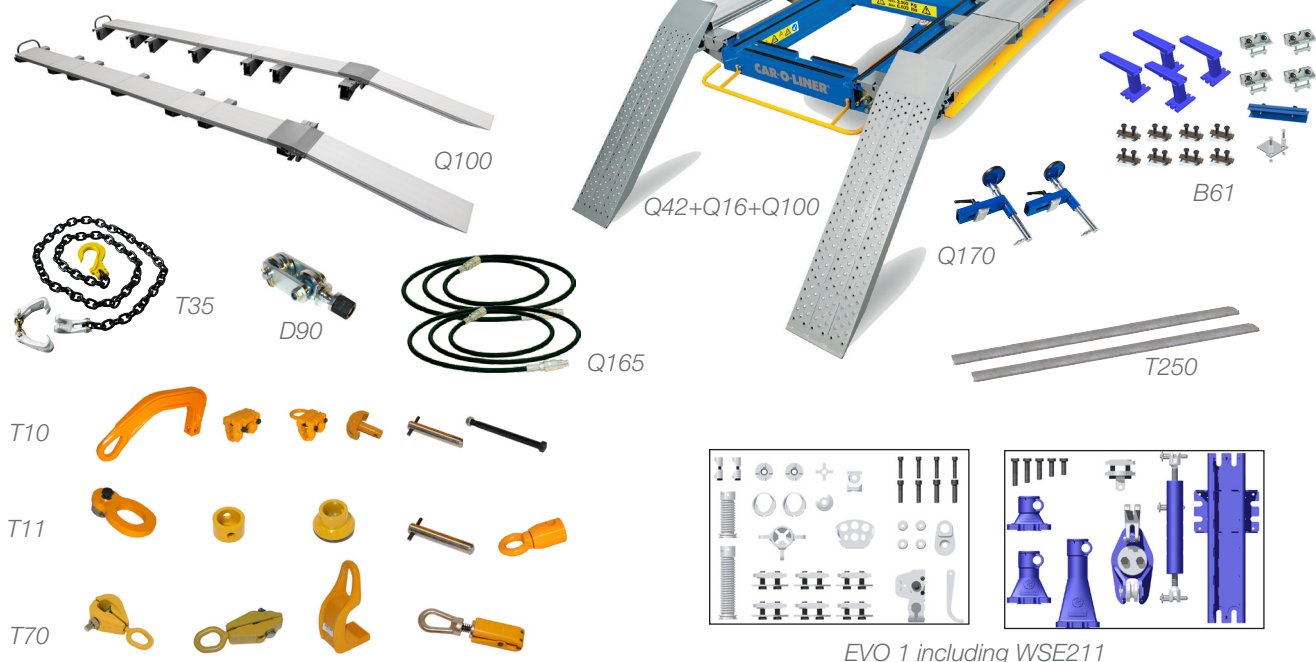
Secure clamping –
the best grip – no clamping slip. Q63 adjustable bench mountings allow pull while the vehicle is supported on its wheels.



Integrated –
multi-functional power unit for hydraulics, lift, pulling towers and air tools



User-friendly control – with all-in-one functions for automatic bench tilting, lifting, 10-ton pulling and hydraulic jacking



FRAME ALIGNMENT SYSTEMS

BENCHRACK 5000

Art. No. 46862

5.0 m, Other available lengths: 4.2m, 5.5m & 6.3m

Art. No.	Description	Qty.
46862	BenchRack Alignment System	1
	Includes:	
34639	B16 Alignment Bench, BR5000, w/ Lift	1
35879	T611 Power Unit 400V, 3 Ph, 50 Hz, inc. T655 Hydraulic Oil	1
30984	B320 Ramp Kit	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder & Pump for D16	1
35889	T35 Chain Kit, 10 ton	1
30412	D90 Down Pull	1
30948	B61 Bench Parts	1
34014	B633 Pillar Jack Kit	1
35413	EVO1 Basic Anchoring	1
35797	WSE211 Tool Board Set for EVO1	1
34638	T10 Universal Pulling Hook Set	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protector	2



Universal clamp and bench mounting; the strongest for no-slip holding capacity



Exclusive pillar jacks and sill (rocker) supports make mounting of vehicles fast, safe and easy



Removable ramp sections lift out easily to allow better access to the vehicle



Strong pulling capability with the 10-ton chain kit

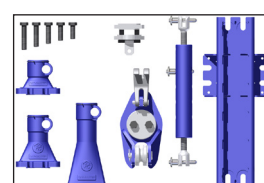
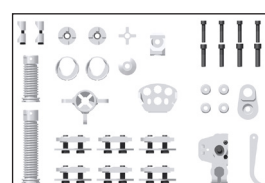
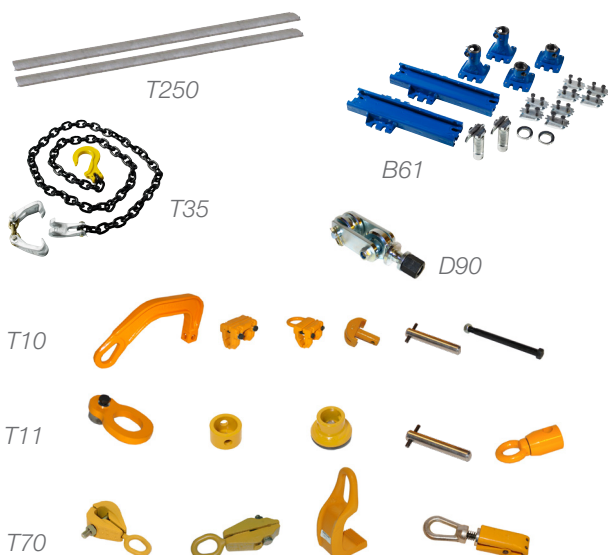


Power Unit

D16

D164

B633



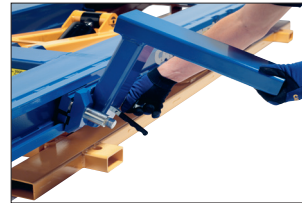
EVO 1 including WSE211

FRAME ALIGNMENT SYSTEMS

MARK6

Art. No. 46865

Art. No.	Description	Qty.
46865	Mark6 Alignment System	1
	Includes:	
34574	BM05 Mark 6 Alignment Bench w/ Lift	1
35879	T611 Power Unit 400V, 3Ph, 50Hz inc. T655 Hydraulic Oil	1
34429	T550 Ramp Kit for Mark 6	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder & Pump for D16	1
35889	T35 Chain Kit, 10 ton	1
30412	D90Down Pull	1
30176	B60 Bench Parts for Mark 6	1
35413	EVO1 Basic Anchoring	1
35829	EVO MK Adapter for Mark 6	1
35797	WSE211 EVO1 Tool Board Set	1
34638	T10 Universal Pulling Hook Set	1
30541	T11 Accessories for T10	1
32000	T70 Pull Clamp Kit	1
31040	T250 Cable Protector	2



Faster loading and unloading with optional mounting arm that easily clicks in and out.



Quick set-up and removal with optional chassis clamp using just two bolts.



Powerful 10-ton Draw Aligner pulls from almost any angle, 360° around the vehicle.



In-ground installation leaves frame level with floor allowing for easy drive-over and clean shop appearance.



FRAME ALIGNMENT SYSTEMS - CLAMPS

T50 Multipad
Art. No. 30765360 X 115 X 50 mm 2 pcs.,
Accessory for T48**T73 Clamp Sill Hook**
Art. No. 30598**T818 Pulling Clamp**
Art. No. 32215

5-ton for angled pulling

**T819 Pulling Clamp**
Art. No. 32216

6-ton

**T813 Pulling Clamp**
Art. No. 32211

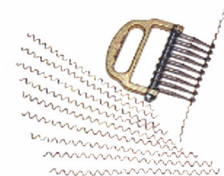
6-ton, self locking

**T814 Clamp**
Art. No. 32212

6-ton

**T815 Pulling Clamp**
Art. No. 32213

10-ton

**T824 Sliding Clamp**
Art. No. 32219**T821 Arco Clamp**
Art. No. 32218**T840 Pulling Straps**
Art. No. 32225**T825 Pulling Claw**
Art. No. 32220**T807 Engine Lifter**
Art. No. 32207Holds the motor in place during,
for example, subframe repair**T826 Slide Hammer**
Art. No. 32221 Use with T825**T802 Hinge Straightening Kit**
Art. No. 32197

Used to break hinges



OEM Packages

Car-O-Liner is proud to have close partnerships with Original Equipment Manufacturers worldwide. OEM approvals - official endorsements from original equipment manufacturers - confirm that our products/systems, service and training have met their requirements and quality standards.

BMW ELECTRONIC MEASURING SYSTEM

Car-O-Tronic and Vision2 X3 Software
Art. No 46733



Art. No.	Description	Qty.	Art. No.	Description	Qty.
46733	CAR-O-TRONIC VISION2 X3	1			
	Includes:				
34572	M90 Measuring Slide	1			
31259	M62 Measuring Parts	1			
36481	M81 PC Cabinet	1			
33493	M741 Battery Charger	1			
46695	Vision2 X3 Software	1			
31296	M705 High Measuring Point Adapter	1			
Additional Necessary Equipment:					
39635	M75 Measuring Bridge, 5m BenchRack	1			
39634	M74 Measuring Bridge, 4m Quick42	1			
Car-O-Tronic Accessories BMW (Optional):					
30201	M201-34 Bushing	1	30757	M257 Centering Plate	1
33554	M201-4 Bushing	1	30760	M264 Centering Plate	1
32141	M201 15/27 Bushing	1	31916	M269 Centering Plate	1
34020	M213 Bushing	1	30749	M274 Centering Plate	1
30736	M225 Measuring Tube	1	33453	M276 Centering Plate	1
32272	M248 Measuring Adaptor	1	32566	M290 Measuring Adapter	1
30754	M253 Centering Plate	1	32567	M291 Measuring Adapter	1
		1	33060	M292 Measuring Adapter	1

BMW BENCHRACK FRAME ALIGNMENT SYSTEM - BR5000

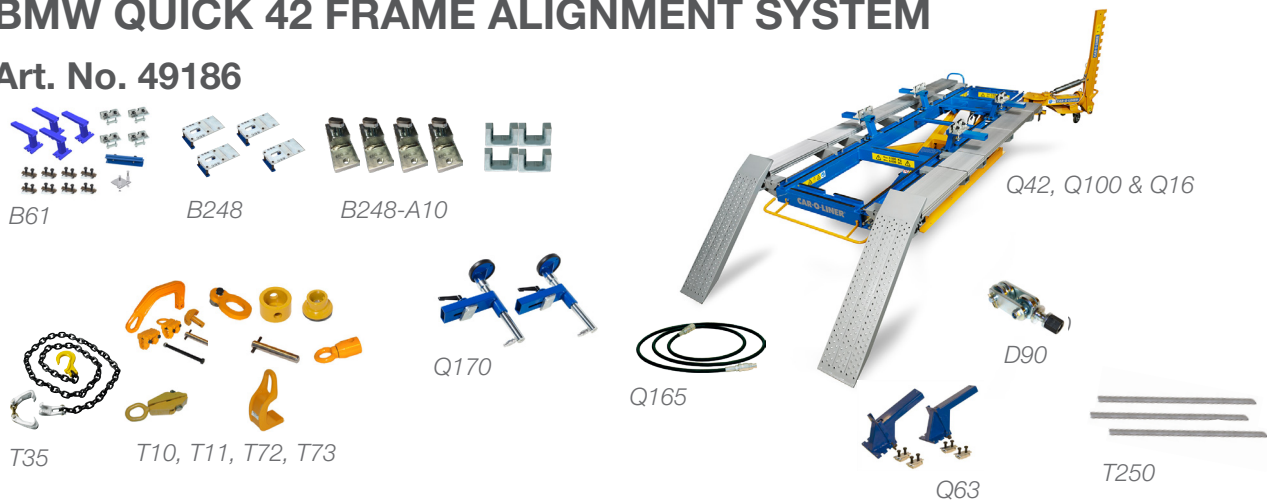
Art. No. 49185



Art. No.	Description	Qty.
49185	BMW BENCHRACK FRAME ALIGNMENT SYSTEM BR5000	1
	Includes:	
34639	Alignment Bench BR5000 with Lift, 230/400V, 3pH BMW	1
43985	Alignment Accessories to BenchRack 5000 BMW	1
	Includes:	
35879	T611 Power Unit, 400V 3ph 50Hz including T655 Hydraulic Oil (Other models available)	1
30984	B320 Ramp Kit BR5000	1
34014	B633 Pillar Jack Kit	1
30346	D16 Draw Aligner incl. Safety Strap	1
44450	D164 Cylinder with Pump	1
30412	D90 Down Pull	1
30638	B248 Mounting Plate	4
47056	B248-A10 Threshold Bracket	4
34504	B276 Threshold Support für B248-A10	4
31040	T250 Cable Protection	3
30948	B61 Benchparts BR standard	1
30872	B57 Roll Stop / Loading Trolley	2
	Universal Fixturing System	
35413	EVO1 Basic Anchoring System	1
35419	EVO2 Extended Anchoring System	1
35719	EVO3 Universal Fixture System	1
35816	WSW90 + Tool wagon without Tool Boards	2
35797	WSH211 EVO1 Tool Board Set	1
35800	WSH214 EVO2 Tool Board Set	1
35853	WSE220 EVO3 Tool Board Set	1
35796-02	WSB110 Tool Board 900	2
30510	WSHS201 Hook kit for tool board standard	2
	Clamping Accessories	
34638	T10 Universal Pulling Hook	1
30541	T11 Accessories for T10	1
30597	T72 Clamp Jr.	1
30598	T73 Clamp Sill Hook	1
35889	T35 Chain Kit, 10 ton	1
	Additional Accessory	
33988	B327, Ramp Kit Wide, BR5000	

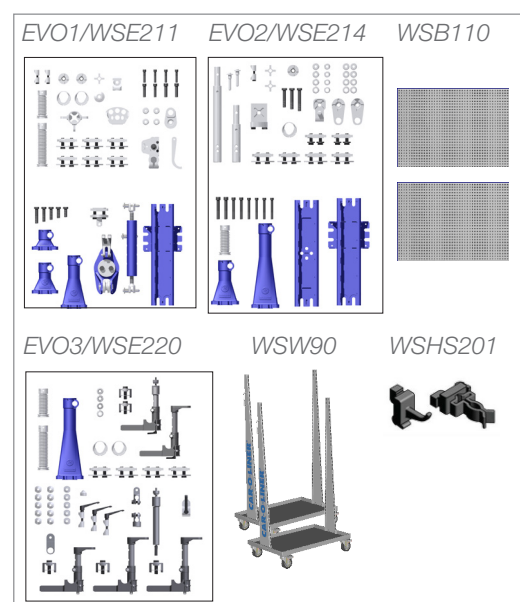
BMW QUICK 42 FRAME ALIGNMENT SYSTEM

Art. No. 49186



Art. No.	Description	Qty.
49186	BMW QUICK42 FRAME ALIGNMENT SYSTEM	1
	Includes:	
39748	Quick42 Alignment Bench w/ Lift, Power Unit and T655 Hydraulic Oil, 230/400V	1
43973	Alignment Accessories for Quick42 BMW	1
	Includes:	
39788	Q100 Ramp Kit Q42	1
39750	Q165 Hydraulic Hose	2
39630	Q16 Draw Aligner w/ Cylinder Q161	1
30412	D90 Downpull	1
39674	Q170 Hydraulic Jack Kit	1
39836	Q63 Quick Anchoring Kit	1
30948	B61 Bench Parts	1
47056	B248-A10 Threshold Bracket	4
30638	B248 Mounting Plate	4
34504	B276 Sill Support for B248-A10	4
41146	Q201 Spacer Kit	1
31040	T250 Cable Protection	3

Universal Fixture System		
35413	EVO1 Basic Anchoring System	1
35419	EVO2 Extended Anchoring System	1
35719	EVO3 Universal Fixture System	1
35816	WSW90 + Tool wagon without tool boards	2
35797	WSE211 EVO1 Tool boards Set	1
35800	WSE214 EVO2 Tool Board Set	1
35853	WSE220 EVO3 Tool Board Set	1
35796-02	WSB110 Tool Board 900	2
30510	WSHS201 Hook kit for tool board standard	2
Clamping Accessories		
34638	T10 Universal Pulling Hook	1
30541	T11 Accessories for T10	1
30597	T72 Clamp Jr.	1
30598	T73 Clamp Sill Hook	1
35889	T35 Chain Kit, 10 ton	2



VOLKSWAGEN/AUDI/SKODA/PORSCHE MEASURING & PLATFORM SYSTEMS

VAS6528 Car-O-Liner Art. No. 41330

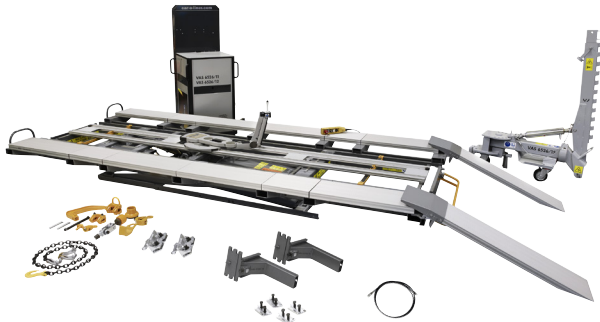


VAS Art. No.	COL Art. No.	Description	Qty.
6526/1	41309	EVO1 Basic Anchoring	1
6526/2	41310	EVO2 Extended Anchoring	1
6526/3	41311	EVO3 Universal Fixturing System	1
6526/4	41314	B633 Hydraulic Jack Kit	1
6526/5	41331	B61 Bench Parts Standard	1
6526/9	41315	Wall System	1
6526/10	41316	VW Clamp Kit	1
6526/11	41317	Wireless Measuring System, VW-1 year	1
6526/14	41332	Alignment Bench 4.2m w/ Lift	1
6526/14-1	41335	Q100 Aluminum Ramp Kit	1
6526/15	41333	Q16 Draw Aligner w/ Cylinder, 10 ton	1
6526/16	41334	Q63 VW Quick Anchoring	1
6526/18	35889	T35 Chain Kit, 10 ton	1
6526/19	41327	T10+T11+D90 Universal Pulling Hook with Accessories	1
6526/20	41328	T71+T32 Pulling Clamp Kit	1
6526/21	41771	Winch	1

VOLKSWAGEN/AUDI/SKODA/PORSCHE MEASURING & PLATFORM SYSTEMS

VAS6526

Car-O-Liner Art. No. 41308



VAS Art. No.	COL Art. No.	Description	Qty.
6526/12	41318	Wireless Measuring System VW 1 year	1
6526/14	41332	Alignment Bench, 4.2m w/ Lift	1
6526/14-1	41335	Q100 Aluminum Ramp Kit	1
6526/15	41333	Q16 Draw Aligner w/Cylinder, 10 ton	1
6526/16	41334	Q63 Quick Anchoring	1
6526/17	41319	B106 Chassis Clamps	1
6526/18	35889	T35 Chain Kit, 10 ton	1
6526/19	41327	T10+T11+D90 Universal Pulling Hook with Accessories	1
6526/20	41328	T71+T73 Pull Clamp Kit	1

VAS6527

Car-O-Liner Art. No. 41329



VAS No.	COL Art. No.	Description	Qty.
6526/1	41309	EVO1 Basic Anchoring	1
6526/1-1	41312	Tool Wagon	1
6526/2	41310	EVO2 Extended Anchoring	1
6526/3	41311	EVO3 Universal Fixturing System	1
6526/4	41314	B633 Hydraulic Jack Kit	1
6526/5	41331	B61 Bench Parts Standard	1
6526/6	41336	Tool Wagon Basic	1
6526/8	41338	Tool Board Set	1
6526/10	41316	VW Special Clamps	1
6526/11	41317	Wireless Measuring System, VW-1 year	1
6526/14	41332	Alignment Bench 4.2m w/ Lift	1
6526/14-1	41335	Q100 Aluminum Ramp Kit	1
6526/15	41333	Q16 Draw Aligner w/ Cylinder, 10 ton	1
6526/16	41334	Q63 Quick Anchoring	1
6526/18	35889	T35 Chain Kit, 10 ton	1
6526/19	41327	T10+T11+D90 Universal Pulling Hook with Accessories	1
6526/20	41328	T71+T73 Pulling Clamp Kit	1
6526/21	41771	Winch	1

MERCEDES-BENZ - BENCHRACK 5500 STANDARD

Art. No. 40217



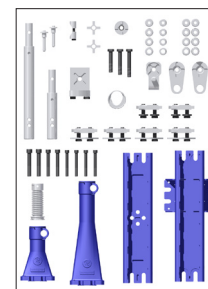
COL Art. No.	Description	Qty.
40217	MB BENCHRACK 5500 Standard	
	Includes:	
34640	B83 Alignment Bench BR5500 with Lift	1
31934	B323 Ramp Kit BR5500	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder with Pump, D16	1
35889	T35 Chain Kit, 10 ton	1
30948	B61 Bench Parts BR Std.	1
34014	B633 Pillar Jack Kit	1
39941	B760 Mercedes Clamp Kit	1
35879	T611 Power unit, 400V 3ph 50Hz + T655 Hydraulic oil	1
40218	MB Adapter Kit EVO System	1
	Includes:	
35413	EVO1 Basic Anchoring System	1
35419	EVO2 Extended Anchoring System	1
35420	EVO3-1 Parts Holding	1
39934	EVO3-3 Mercedes	1

Optional Equipment

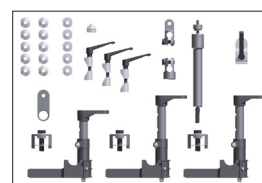
47126	EVO3-3-2 Mercedes	1
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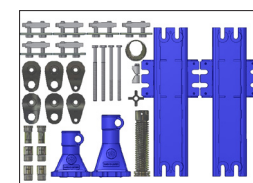
EVO1



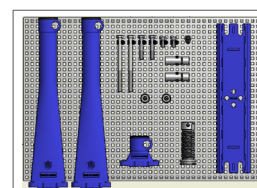
EVO2



EVO3-1



EVO3-3



EVO3-3-2 (Optional)

MERCEDES-BENZ CAR-O-TRONIC VISION2 X3 MEASURING SYSTEM

Art. No. 41541



Art. No.	Description	Qty.
41541	CAR-O-TRONIC VISION2 X3 MERCEDES-BENZ	
	Includes:	
34572	M90 Car-O-Tronic Slide MB	1
39635	M75 Measuring Bridge	1
36481	M81 Cabinet	1
33493	M741 Battery Charger	1
39525	SW21 Vision2 X3 for Mercedes Benz	1
31259	M62 Measuring Parts	1
31296	M705 High Measuring Point Adapter	1

JAGUAR / LAND ROVER BENCHRACK 5500

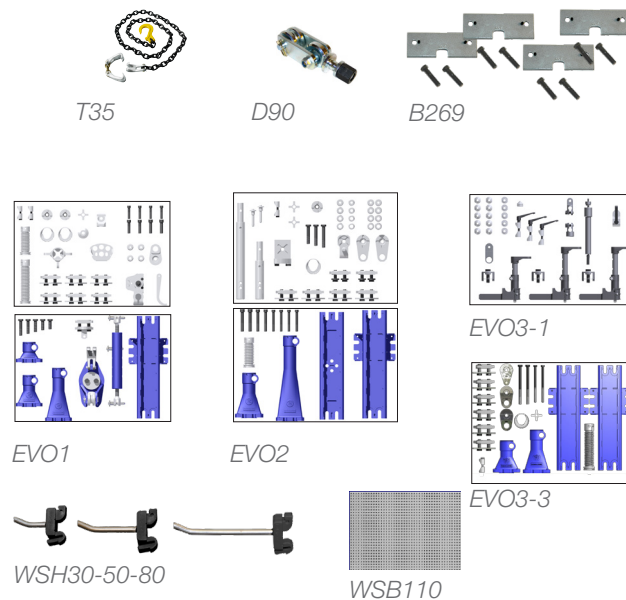
Art. No. 47660



Art. No.	Description	Qty.
47660	JLR BENCHRACK 5500	1
	Includes:	
34640	B83 Alignment Bench BR5500 w/ Lift	1
31934	B323 Ramp Kit BR5500	1
30346	D16 Draw Aligner	1
44450	D164 Cylinder w/ Pump, D16	1
35879	T611 Power Unit, 400V 3ph 50Hz + T655 Hydraulic Oil	1
35889	T35 Chain Kit, 10 ton	1
34638	T10 Universal Pulling Kit	1
30541	T11 Accessories for T10	1
30948	B61 Bench Parts BR std.	1
34014	B633 Pillar Jack Kit	1
30872	B57 Roll Stop	1
45888	B107 Clamp Plate Set Aluminum	1
30668	B213 Distance 50	4
33938	B269 Chassis Clamp Jaguar	4
31040	T250 Cable Protection	3

Universal Fixture System

35413	EVO1 Basic Anchoring	1
35419	EVO2 Extended Anchoring	1
35420	EVO3-1 Fixturing Kit	1
39934	EVO3-3 Holding Kit	1



Continued

WorkShop Solutions

30469	WSH30 Tool Holder 30 mm	12
36823	WSH50 Tool Holder 50 mm	14
36824	WSH80 Tool Holder 80 mm	4
35796-02	WSB110 Tool Board 900	1
35797	WSE211 EVO1 Tool Board Set	1
35800	WSE214 EVO2 Tool Board Set	1
35804	WSE218 EVO3-1 Tool Board Set	1
42744	WSE219 EVO3-3 Tool Board Set	1

Optional for Jaguar XJ Repair:

Art. No. 40100 EVO3-4 Kit

Contact your sales representative for information.

JAGUAR / LAND ROVER CAR-O-TRONIC VISION2 X3 MEASURING SYSTEM

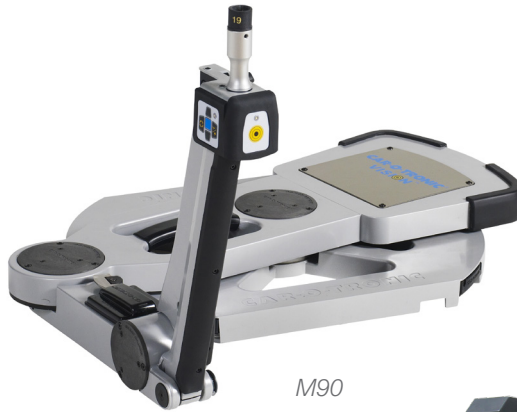
Art. No. 46733



M705



M741



M90



M62



SW53



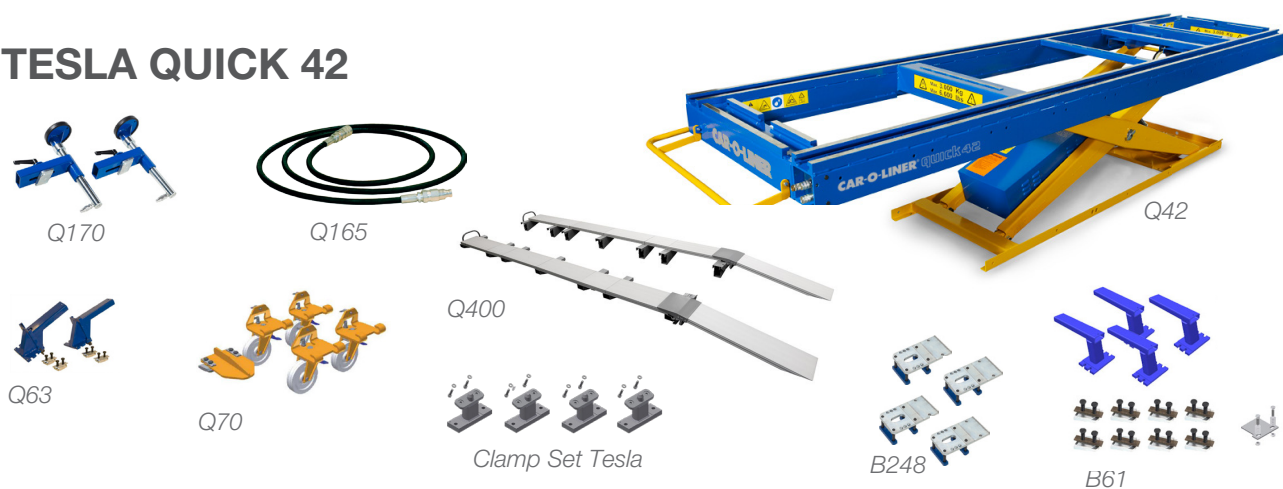
M81

Art. No.	Description	Qty.
46733	CAR-O-TRONIC VISION2 X3	
	Includes:	
34572	M90 Car-O-Tronic	1
36481	M81 PC Cabinet	1
33493	M741 Battery Charger	1
46695	Vision2 X3 Software	1
31259	M62 Measuring Parts	1
31296	M705 High Measuring Point Adapter	1
Necessary Additional Equipment:		
39634	M74 Measuring Bridge, 4M Quick42	1
39635	M75 Measuring Bridge, 5M BenchRack	1



M74 / M75

TESLA QUICK 42



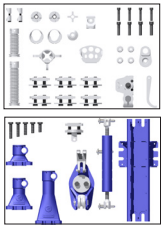
Art. No.	Description	Qty.
46898	TESLA QUICK 42	1
	Includes:	
39748	Q42 Alignment Bench, 4.2m w/ Lift, Power Unit and T655 Hydraulic Oil, 230/400V	1
42764	Q400 Wide Ramp Kit for Q42	1
39750	Q165 Hydraulic Hose	2
41856	Q70 Mobility Kit	1
39674	Q170 Hydraulic Jack Kit	1
30948	B61 Bench Parts BR Std.	1
39836	Q63 Quick Anchoring	2
45883	Clamp Set Tesla Model S (4 pcs)	1
30638	B248 Clamp Plate	4

TESLA BENCHRACK 5500

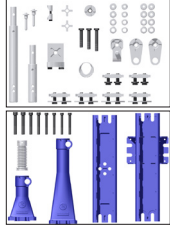


Art. No.	Description	Qty.
46900	TESLA BENCHRACK 5500	1
	Includes: _	
34640	BR5500 Alignment Bench w/ Lift	1
31934	Ramp Kit for BR5500	1
34014	B633 Pillar Jack Kit	1
30948	B61 Bench Parts BR Std.	1
45883	Clamp Set Tesla (4 pcs)	1
30638	B248 Clamp Pate	
Power Unit Sold Separately		
35879	T611 Power Unit, 400V 3ph 50Hz, inc. T655 hydraulic oil	4

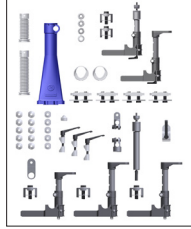
TESLA FIXTURING KIT WITH TOOL WAGON



EVO1/WSE211



EVO2/WSE214



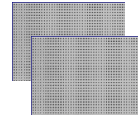
EVO3/WSE220



WSH30-50-80



WSW90

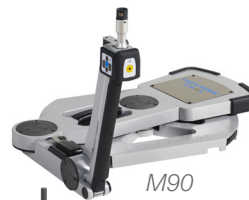


WSB110

Art. No.	Description	Qty.
49076	UNIVERSAL FIXTURE SYSTEM KIT	
	Includes:	
35413	EVO1 Basic Anchoring	1
35419	EVO2 Extended Anchoring	1
35719	EVO3 Universal Holding & Fixturing	1
35816	WSW90 + Tool wagon without tool boards	2
35797	WSE211 Tool Board Set EVO1	1
35800	WSE214 Tool Board Set EVO2	1
35853	WSE 220 Tool Board Set EVO3	1
30469	WSH30 Tool Holder 30 mm	6
36823	WSH50 Tool Holder 50 mm	6
36824	WSH80 Tool Holder 80 mm	6
35796-02	WSB110 Tool Board 900	2

TESLA CAR-O-TRONIC VISION2 X3 MEASURING SYSTEM

Art. No.	Description	Qty.
46733	MC23 CAR-O-TRONIC VISION2 X3	
	Includes:	
34572	M90 Car-O-Tronic	1
36481	M81 PC Cabinet	1
33493	M741 Battery Charger	1
46695	Vision2 X3 Software	1
31259	M62 Measuring Parts	1
31296	M705 High Measuring Point Adapter	1
Necessary Additional Equipment:		
39634	M74 Measuring Bridge, 4M Quick42	1
39635	M75 Measuring Bridge, 5M BenchRack	1



M90



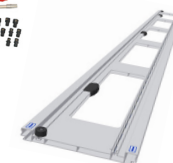
M741



SW53



M62



M74 / M75

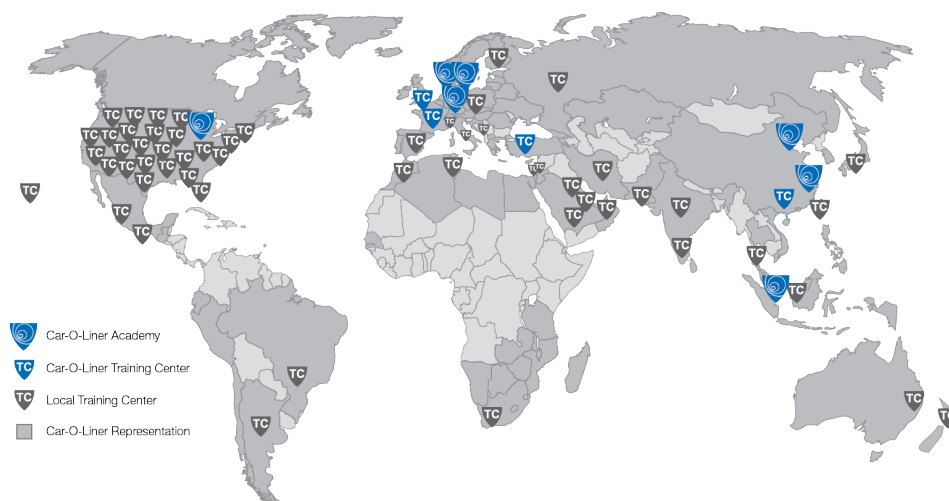
M705



M81

The Power of Knowledge

Training and Information Solutions



Practical - Conveniently Located

- Over 60 training centers around the world
- Headquarters in Gothenburg, Sweden

Proven - Industry Approved

- ASE certified
- CASE approved
- I-CAR Industry Training Alliance Member

Powerful - Certified Instructors

Increase your understanding of:

- Electronic Measuring
- Damage Analysis
- PDR Repair Technique
- Vehicle Clamping
- Welding
- And More!

Sustainable Solutions That Add Value

Creating an integrated system that contributes to an effective, high-quality work process from diagnosis to repair, final check and documentation results in sustainable and long-term value for our customers. By working together with car manufacturers, bodyshops and insurance companies worldwide, we continually improve our products and develop solutions that keep pace with ever-changing technological advances.

Products that add value today, as well as in the future — that's sustainable business for Car-O-Liner . . . as well as for our customers.



Platforms that increase productivity



Assured quality control in real time with Car-O-Tronic Measuring Systems



EVO System for holding, anchoring and fixturing offers low operating costs



24 hour access to Vehicle Information



Highly efficient welding systems



WorkShop Solutions that facilitate lean production



Knowledge is power, supplied by the Car-O-Liner Academy training programs



Customer Service Worldwide

CONTACT

Contact your distributor to place orders, or if you are a current customer contact:
order@car-o-liner.se. Or call +46 (0) 31 721 1050



Distributor

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Car-O-Liner™ is a global provider of high-quality, technologically-advanced collision repair equipment to the automotive aftermarket. For more than forty years, we have supplied the industry with innovative solutions, technical development, training and customer support. Over 55,000 Car-O-Liner collision repair systems are in use worldwide.

According to our customers, Car-O-Liner's collision repair equipment is the best made, the easiest to learn and use, and includes everything needed to reduce cycle times and increase profits. With Car-O-Liner equipment in your shop, your customers - the vehicle owners and insurance companies - will experience safety and complete satisfaction from your work.

Car-O-Liner's headquarters are located in Gothenburg, Sweden, with manufacturing operations in Kungsör. Subsidiaries are located in Sweden, Norway, Great Britain, France, Germany, Italy, USA, Thailand, India and China and distributors can be found in more than 70 countries.



Car-O-Liner is recognized for its leadership in the marketplace by continuously delivering high quality products and exceptional customer service.



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